

**73. Disturbances of Acid-Base Balance**

Etiology, differential diagnosis and treatment.

No set papers nor lectures are to be given on any of the above topics. Each subject is to be developed following the presentation of one or more patients from the local community, who have had adequate study and who exhibit problems falling within one of the above subdivisions.

Charts, graphs, lantern slides, etc., may be used if applicable to the specific problems presented.

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**XI. ALLERGY****74. Discussion and Illustration of Accepted Principles Governing the Allergic Theory**

Commoner allergic conditions and general principles governing examination, with illustration of reactions and their etiology.

Symptomatology, diagnosis.

(a) Diet.

(b) Tests.

**75. Involved Allergic Reactions**

Asthma.

Headaches.

Gastro-intestinal.

Nasal—pharyngeal (hay fever?).

Allergy in infants.

These will be discussed in the light of present knowledge, with emphasis upon differential diagnosis, reaction tests, diet, and antigen treatment. Illustrative cases will be presented.

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**XII. PEDIATRICS****76. The New-Born: Full Term; Premature**

Immediate care.

Common disorders during neonatal period.

General management.

Artificial feeding.

Breast feeding.

Motion pictures, showing handling of the infant, preparation of food, etc., will be exhibited.

**77. Infant Care**

Besides hygiene and diet, growth and development will be carefully detailed. Lantern slides and motion pictures.

**78. The Preschool Age Child**

Hygiene (physical, mental).

Diet.

Common defects and their correction.

The fat child.

The thin child.

**79. Infantile Eczema**

Various types will be discussed and classified, with suggested treatment. Lantern slides.

**80. Rickets and Scurvy**

Historical review.

Changing concepts.

Criteria for diagnosis.

Course if untreated.

Prevention and treatment.

X-ray plates, lantern slides, motion pictures.

**81. Pyelitis in Infancy and Childhood**

Case histories will be presented.

Laboratory work necessary for diagnosis will be demonstrated.

Recent advances in therapy.

Surgical aspects.

**82. Abdominal Pain in Children**

A résumé of the subject is offered.

Differential diagnosis is stressed.

Medical conditions.

Surgical conditions.

(Patients will be shown, if available.)

**83. Otitis Media**

Seasonal variation.

Diagnosis (infants, older children).

Indications for paracentesis.

Complications.

Treatment (palliative, surgical).

Lantern slides. Proper use of the otoscope will be demonstrated.

**84. The Juvenile Diabetic**

The problem of management.

Diabetic coma.

Insulin shock.

Protamin insulin.

Case histories and lantern slides.

**85. Active and Passive Immunization**

Smallpox.

Diphtheria.

Measles.

Whooping cough.

Scarlet fever.

Poliomyelitis.

Tetanus.

Common colds.

Poison Oak and Ivy.

Miscellaneous.

**86. Skin Tests in Common Use**

The various skin tests for tuberculosis.

The Schick test.

The Dick test.

Complement-fixation tests.

Allergy test.

Value of the various tests will be discussed, technique demonstrated, and reactions explained.

**87. Sera, Vaccines, Vitamins**

A summary of important experiences with commonly used sera and vaccines is offered. Contra-indications and dangers are discussed and beneficial effects evaluated. Our present knowledge of vitamins is summarized, its uses and abuses pointed out.